

FACT SHEET



Christian County Groundwater Superfund Site Christian County, Missouri

February 1998

Site Update

The U.S. Environmental Protection Agency (EPA) continues activities at the Christian County Groundwater Superfund site in Christian County, Missouri. EPA plans to conduct additional water well sampling in the area in late February or early March 1998. The sampling effort will help determine how much trichloroethylene (TCE) contamination is in the groundwater. It may also help determine the potential source(s) of the TCE contamination. TCE is a solvent commonly used by industries.

Background

The Christian County Groundwater Superfund site is in rural Christian County, Missouri, south of Nixa. The Missouri Department of Health (MDOH) sampled private water wells in May 1990. MDOH found levels of TCE above the safe drinking water standards in one private water well.

The Missouri Department of Natural Resources (MDNR) completed a Preliminary Assessment of the site in 1992. The Preliminary Assessment identified four additional wells with TCE contamination above safe drinking water standards. This brought the total to five wells contaminated with TCE above drinking water standards. MDOH advised those residents not to use these wells for drinking, showering or bathing.

EPA provided carbon filtration systems to residential homes in 1993. EPA supplied the systems to those homes where water wells were contaminated with TCE above drinking water standards. These wells have been routinely sampled since 1993. Only two wells remain which exceed safe drinking water limits.

Sampling activities

The sampling activities will focus in residential areas, near the two contaminated wells. Sampling activities will consist of taking water from wells. This task usually takes less than an hour to complete per household. The overall sampling project will take several days to complete. Property owners will receive the sample results.

Additional Information

If you have questions about the site or sampling activities, EPA will be available to answer your questions. EPA will hold an informal information session, Wednesday, February 25, 1998, 4 to 7 p.m., Nixa City Hall, 715 West Mr. Vernon, Nixa, Missouri. We have scheduled the session so you may attend at your convenience. This is an informal session. EPA staff, health officials and others involved at the site will be available to answer your questions one-on-one.

If you have questions about this fact sheet or need additional information, please contact:

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